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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/825,281

04/15/2004

Jae-Hong Park

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EXAMINER

APPIAH, CHARLES NANA

ART UNIT

PAPER NUMBER

2617

DATE MAILED: 04/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/825,281

Applicant(s)

PARK ET AL.

Examiner

Charles N. Appiah

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 260,261,272,273,288,298,309,310,320, 322-327 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 260,261,272,273,288,298,309,310,320 and 322-327 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 260, 261, 272, 273, 288, 298, 309, 310, 320, 322-327 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 260, 261, 272, 273, 288 and 298 are rejected under 35 U.S.C. 103(a) as being unpatentable over Korpela in view of 3GPP TS 25.331 V3.0.0 (1999-10), hereinafter referred to as (the Specification).

Regarding claims 260, 261 and 309, Korpela discloses a method for interfacing between a terminal (10), and a radio network (20a-20c) and a core network (30a-30c), connected to the radio network, wherein the radio network has an asynchronous operating type and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type (digital signal processor of mobile terminal capable of operating in several modes under control of the control device to selectively interconnect and set up either a voice or data (B-ISDN) communication session, see col. 3, line 66 to col. 4, line 3), the method comprising: providing the terminal with a message including a core network operating type information representing an operating type of a core network (see Fig. 9, steps 1202-1206, col. 6, lines

29-41). Korpela fails to explicitly disclose wherein the message is represented by a table as set forth in the claims.

The Specification teaches the use of broadcast of system information to broadcast system information elements that are of the same nature in a system information block (see page 24, paragraphs 8.1.1.1-8.1.1.2) and the system information messages contains elements as set forth in the table representing the message (see page 148-163).

It would therefore have been obvious to one of ordinary skill in the art to provide for the use of system information block or master information messages to identify core networks available for call connections as taught by the Specification in order to standardize effectively ensure connection parameters availability.

Regarding claims 272, 273, 309, 310, 320, 322, 324 and 326, Korpela discloses a method and an apparatus for interfacing between a terminal (10), and a radio network (20a-20c), wherein the radio network has an asynchronous operating type and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type (digital signal processor of mobile terminal capable of operating in several modes under control of the control device to selectively interconnect and set up either a voice or data (B-ISDN) communication session, see col. 3, line 66 to col. 4, line 3), comprising: a storage device contained in the radio network for storing core network operating information representing an operating type of a core network (see col. 4, lines 14-36), extraction block, contained in the radio network, for

reading the core network operating type information during a period of initialization of the radio network (registering on network and proceeding using new protocols, steps 1230, 1232 of Fig. 12) and wherein the storage device includes a memory for storing the operating type of the core network (feature of step 122 of Fig. 10), and messaging block (see 102 of Fig. 8), contained in the radio network, for periodically providing the terminal with the core network operating type information contained in a message through a predetermined channel (see col. 6, lines 14-28). Korpela fails to explicitly disclose wherein the message is represented by a table as set forth in the claims.

The Specification teaches the use of broadcast of system information to broadcast system information elements that are of the same nature in a system information block (see page 24, paragraphs 8.1.1.1-8.1.1.2) and the system information messages contains elements as set forth in the table representing the message (see page 148-163).

It would therefore have been obvious to one of ordinary skill in the art to provide for the use of system information block or master information messages to identify core networks available for call connections as taught by the Specification in order to standardize effectively ensure connection parameters availability.

Regarding claims 322, 325 and 327 the combination of Korpela and the Specification teaches wherein the message further includes scheduling information (see page 153, section 10.1.6.4.5 and a MIB value tag (see page 150, section 10.1.6.4.2).


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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles N. Appiah whose telephone number is 571 272-7904. The examiner can normally be reached on M-F 7:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 571 272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CA


CHARLES APPIAH
PRIMARY EXAMINER